

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **LISTING OF CLAIMS:**

Claims 1 to 12. (Canceled).

13. (New) A transmitter head for a system for contactless energy transmission, comprising:  
at least one ferrite core including an at least partially E-shaped geometry;  
a support connected to the ferrite core; and  
a flat winding disposed about one limb of the E-shaped geometry of the ferrite core.
14. (New) The transmitter head according to claim 13, wherein the flat winding is arranged as a conductor track on one of (a) a single-layer board and (b) a multilayer board.
15. (New) The transmitter head according to claim 14, wherein the one of (a) the single-layer board and (b) the multilayer board includes electronic components.
16. (New) The transmitter head according to claim 14, wherein the one of (a) the single-layer board and (b) the multilayer board is joined to a housing part that includes a cooling device.
17. (New) The transmitter head according to claim 16, wherein the cooling device includes at least one of (a) cooling fins and (b) cooling fingers.
18. (New) The transmitter head according to claim 13, further comprising at least one plastic part disposed on the ferrite core, the flat winding arranged in depressions formed in the plastic part.
19. (New) The transmitter head according to claim 13, wherein the electrical energy-transmission device includes a primary-conductor arrangement including at

least two primary conductors extending parallel to each other and at least one secondary-winding arrangement electromagnetically coupled to the primary-conductor arrangement, the secondary-winding arrangement and the primary-conductor arrangement mechanically separated from each other, the secondary-winding arrangement movable in a longitudinal direction, the secondary-winding arrangement including at least one secondary coil taking the form of the flat winding and arranged in a plane located parallel to a plane accommodating the primary-conductor arrangement.

20. (New) The transmitter head according to claim 19, wherein the primary conductors are arranged one of (a) as line conductors and (b) as flat conductors having a surface normal that is perpendicular to the plane accommodating the secondary-winding arrangement.

21. (New) The transmitter head according to claim 19, wherein the secondary-winding arrangement is arranged at a lower side of a floor of a vehicle.

22. (New) The transmitter head according to claim 19, wherein the secondary-winding arrangement is embedded in a potting compound.

23. (New) The transmitter head according to claim 19, wherein the primary-conductor arrangement is arranged in a stationary manner in a near-surface region of a travel path.

24. (New) The transmitter head according to claim 19, wherein at least one of (a) the primary-conductor arrangement and (b) the secondary-winding arrangement is at least partially formed of litz-wire material.

25. (New) A system for contactless energy transmission, comprising:  
a transmitter head including:

at least one ferrite core including an at least partially E-shaped geometry;

a support connected to the ferrite core; and

a flat winding disposed about one limb of the E-shaped geometry of the ferrite core; and  
two line conductors arranged in a floor at a distance A from each other;  
wherein a distance from the transmitter head to the floor is between  $0.05 * A$  and  $0.2 * A$ .

26. (New) A transmitter head for a system for contactless energy transmission, comprising:  
at least one ferrite means including an at least partially E-shaped geometry;  
support means connected to the ferrite core means; and  
flat winding means disposed about one limb of the E-shaped geometry of the ferrite core means.